

**CITY OF MIAMI BEACH  
COMMISSION ITEM SUMMARY**



**Condensed Title:**

Request for Approval to Purchase, Pursuant to Florida Department of Transportation Contract No. P0384, from Southern Sewer Equipment Sales, in the Amount of \$195,515.00, one (1) 2004 Vac-Con Sewer Cleaner Mounted on a 2004 Sterling LT7501 Truck.

**Issue:**

Shall the Commission Approve the Purchase?

**Item Summary/Recommendation:**

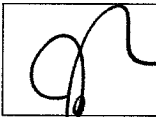
The 2004 Vac-Con Sewer Cleaner mounted on a 2004 Sterling LT7501 Truck chassis is a **budgeted replacement** for the Public Works Sewer Division and is funded by the Public Works Sewer Division Enterprise Fund. This vehicle is equipped with a positive displacement vacuum blower, dual engine, hydrostatic drive, 80GPM@300 PSI water pump with a 165 HP auxiliary engine and a lateral cleaning cart. This equipment will be mounted on a 2004 Sterling LT7501 tandem axle chassis with diesel engine and automatic transmission. This vehicle will be used for routine daily cleaning of the City's sanitary sewer system, mainlines, manholes and laterals.

The Administration recommends approving the purchase.

**Advisory Board Recommendation:**

n/a

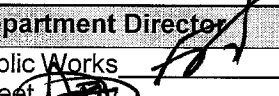

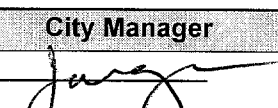
**Financial Information:**

Source of Funds:	Amount	Account	Approved
 Finance Dept.	1	\$195,515.00	425.0420.000673 PW Sewer Div. Enterprise Fund Capital Account
	2		
	3		
	4		
	<b>Total</b>	\$195,515.00	

**City Clerk's Office Legislative Tracking:**

Andrew Terpak

**Sign-Offs:**

Department Director	Assistant City Manager	City Manager
FB-Public Works AET-Fleet 	RCM 	JMG 

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AGENDA ITEM C2B  
DATE 4-14-04

# CITY OF MIAMI BEACH

CITY HALL 1700 CONVENTION CENTER DRIVE MIAMI BEACH, FLORIDA 33139  
www.miamibeachfl.gov



## COMMISSION MEMORANDUM

**To:** Mayor David Dermer and  
Members of the City Commission

**Date:** April 14, 2004

**From:** Jorge M. Gonzalez  
City Manager

**Subject:** REQUEST FOR APPROVAL TO PURCHASE, PURSUANT TO FLORIDA DEPARTMENT OF TRANSPORTATION CONTRACT NO. P0384, FROM SOUTHERN SEWER EQUIPMENT SALES, IN THE AMOUNT OF \$195,515.00, ONE (1) 2004 VAC-CON SEWER CLEANER MOUNTED ON A 2004 STERLING LT7501 TRUCK.

### ADMINISTRATION RECOMMENDATION

Approve the purchase.

### BID AMOUNT AND FUNDING

\$195,515.00      Public Works Sewer Division Enterprise Fund    425.0420.000673  
Capital Account

### ANALYSIS

This vehicle is recommended to be purchased pursuant to Florida Department of Transportation Contract No. P0384.

The 2004 Vac-Con Sewer Cleaner mounted on a 2004 Sterling LT7501 truck chassis is a budgeted replacement for the Sewer Division. This vehicle is funded by the Public Works Sewer Division Enterprise Fund.

This 2004 Vac-Con Sewer Cleaner is equipped with a positive displacement vacuum blower, dual engine, hydrostatic drive, 80GPM@3000 PSI water pump with a 165HP auxiliary engine and a lateral cleaning cart. This equipment will be mounted on a 2004 Sterling LT7501 tandem axle chassis with diesel engine and automatic transmission.

This truck-mounted sewer cleaner will be used for the routine daily cleaning of the City's sanitary sewer system, which includes manholes, mainlines and laterals.

The vehicle listed below has met or exceeded the established criteria for replacement:

Veh#	Dept.	Year	Make	Mileage	Life to Date Maintenance	Condition
0668	0420	1996	Vac-Con/Ford Chassis	36,880	\$54,853.17	Poor

The criteria are based on age, mileage, maintenance, engine hours (one engine hour idling = 35 miles), and overall condition of the vehicle. The life to date maintenance includes all costs associated with the vehicle, including, but not limited to, repairs, routine maintenance, accidents, and other damage.

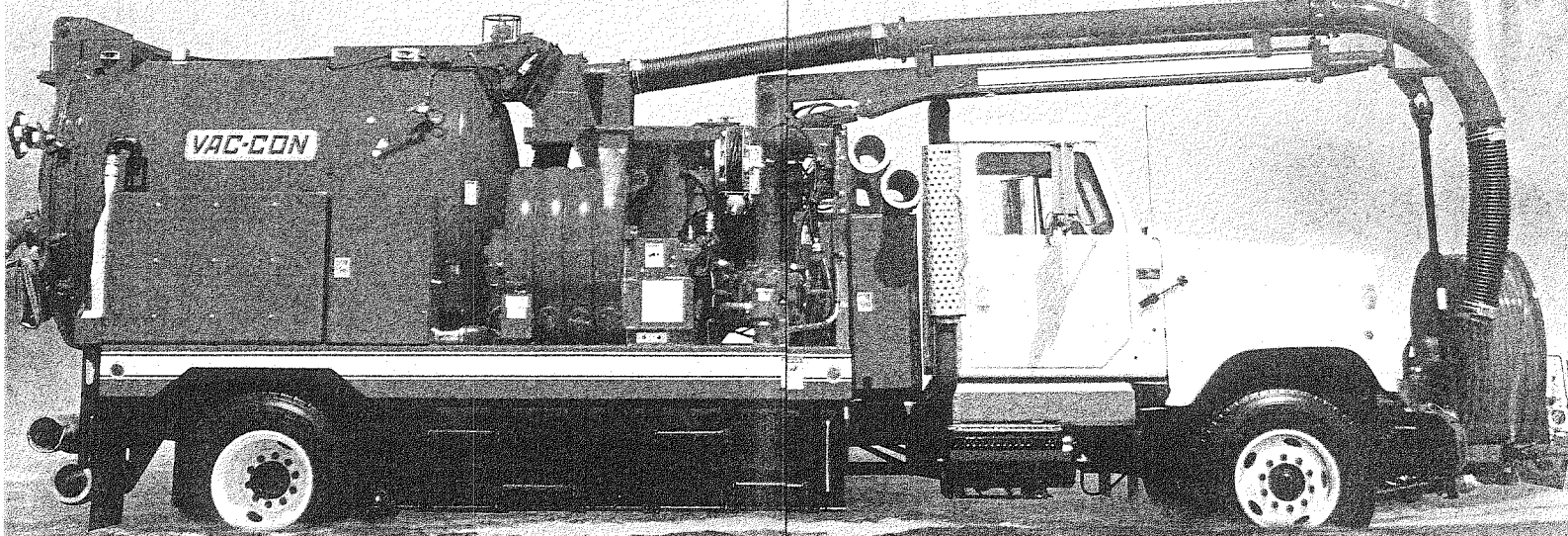
Vehicle 0668 is being used as a trade in toward the new vehicle:

Purchase Price	\$235,515.00
Trade In Value	<u>(40,000.00)</u>
Net Cost of New Equipment	\$195,515.00

### **CONCLUSION**

The Administration recommends that the City Commission approve the purchase of one (1) 2004 Vac-Con Sewer Cleaner mounted on a 2004 Sterling LT7501 Truck, pursuant to Florida Department of Transportation Contract No. P0384, from Southern Sewer Equipment Sales, in the amount of \$195,515.00.

JMG/RCM/FB/AET/mo  
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## STANDARD FEATURES

- Hydraulically Operated, Front-Mounted Hose Reel
- Operating Controls in Front
- Hose Rewind Guide
- Connection for High-Pressure Handgun
- Polyethylene Water Tanks, Low Center of Gravity
- High Capacity Water Pump
- Lubrication Chart
- Debris Dumping Controls on Side of Truck
- 2-Stage Centrifugal Compressor with Welded, Corten® Steel Fans
- Centrifugal Separator & Clean-Out
- Hinged Door, Puff Opening with Hydraulic Door Locks
- Butterfly Drain Valve & Flange
- Corten® Steel Debris Tank
- External Load Indicator
- Exclusive Automatic Vacuum Breaker Shut-Off System
- Auxiliary Diesel Engine Powers High-Pressure Water System
- Hydraulic Boom Rotates up to 270 Degrees
- Weather-Tight Tool Boxes with Locks
- Transport Cradle for Boom

## OPTIONS (see Options Brochure for Complete Details)

- Hydrostatic Drive
- Articulating Hose Reel
- Winter Recirculation System
- Increased Capacity Water Pump and System
- 3-Stage Centrifugal Compressor
- Warning Lights
- Debris Body Flush Out System
- 6' or 10' Telescoping Boom

